

RTIP ID# <i>(required)</i> #SBD031426				
TCWG Consideration Date July 22, 2008				
Project Description <i>(clearly describe project)</i> This safety project was included in the RTIP in February 2002. The project consists of approximately 17 miles of safety improvements along Needles Highway, from "N" Street, in downtown Needles along historic Route 66, to the Nevada state line. The safety improvements include widening the existing roadway to meet current County road standards, adding shoulders, vertical and horizontal realignment as necessary to increase safety, a horizontal realignment through Fort Mojave Indian Tribe (FMIT) land (referred to as Preferred Alternative No. 5 in back-up documentation), traffic signals and left-turn lanes at Balboa Place and Pashard Street I-40 off-ramps, a traffic signal and left-turn lane at the intersection of N Street and Needles Highway, and construction of a 4,000 linear foot northbound truck climbing lane. The improvements are along four (4) identified segments of Needles Highway: Segments N, 1, 2 and 3. The 4,000 linear foot northbound truck climbing lane will be located just south of the Nevada state line in Segment 3. The significant horizontal realignment is located in Segment 2. Further, the scope of work located on FMIT lands, including the significant horizontal realignment, is covered under a separate environmental review process. The decision to split the environmental process in two was determined by FMIT, BIA, and FHWA. Refer to the attached detailed project description, purpose and need document, study area maps, and traffic maps for more information on this project.				
Type of Project <i>(use Table 1 on instruction sheet)</i> Roadway realignment				
County SB	Narrative Location/Route & Postmiles Needles Highway, between "N" Street in City of Needles to the Nevada state line. Length: Approximately 17 miles. Caltrans Projects – EA# 924687 (District 8)			
Lead Agency: FHWA				
Contact Person Jacob Waclaw Aimee L. Kratovil	Phone# (916) 498-5056 (916) 498-5866	Fax# (916) 498-5008	Email Jacob.Waclaw@fhwa.dot.gov aimee.kratovil@fhwa.dot.gov	
Hot Spot Pollutant of Concern <i>(check one or both)</i> PM2.5 PM10 <input checked="" type="checkbox"/>				
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
Categorical Exclusion (NEPA) <input type="checkbox"/>	<input checked="" type="checkbox"/> EA or Draft EIS	<input type="checkbox"/> FONSI or Final EIS	<input type="checkbox"/> PS&E or Construction	<input type="checkbox"/> Other
Scheduled Date of Federal Action:				
NEPA Delegation – Project Type <i>(check appropriate box)</i>				
<input type="checkbox"/> Exempt	<input type="checkbox"/> Section 6004 – Categorical Exemption	<input checked="" type="checkbox"/> Section 6005 – Non-Categorical Exemption		
Current Programming Dates <i>(as appropriate)</i>				
	PE/Environmental	ENG	ROW	CON
Start	3/1/02	1/1/2010	2/1/2010	9/1/2010
End	12/10/09	7/1/2010	7/1/2010	12/30/2010

Project Purpose and Need (Summary): *(attach additional sheets as necessary)*

See attached purpose and need document. Also, refer to traffic collision information. Between 2002 and 2006, there have been 10 fatalities and 55 injuries stemming from accidents along this road.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*

There will be no additional traffic due to this project.

Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

*Note: Build LOS includes 2015 improvements only, 2035 improvements include anticipated projects not currently funded and are NOT part of this project. * Note: Truck percentages are based on existing counts.*

Roadway Segment (Year 2015)	No Build LOS	Build LOS	AADT	%Trucks *
Nevada State Line to Aha Macav Parkway	C	C	5,834	7.50%
Aha Macav Parkway to River Road	C	C	7,544	9.20%
River Road to Park Road	C	C	7,904	12.50%
Park Road to National Trails Highway	B	B	3,317	11.10%
National Trails Highway to I-40 Westbound Ramps	B	B	4,461	19.30%
I-40 Eastbound Ramps to N Street	N/A	N/A	15,521	4.50%

RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

*Note: Build LOS includes both 2015 project improvements and anticipated 2035 improvements (not part of this project and which include the addition of both a northbound and southbound through lane and the signalization of Needles Highway at Aha Macav Parkway and Needles Highway at Park Road). The 2035 improvements will be funded as separate projects sometime in the future, as funding permits. *Note: Truck percentages are based on existing counts.*

Roadway Segment (Weekday Year 2035)	No Build LOS	Build LOS	AADT	% Trucks*
Nevada State Line to Aha Macav Parkway	D	A	9,247	7.50%
Aha Macav Parkway to River Road	D	A	12,176	9.20%
River Road to Park Road	D	A	13,126	12.50%
Park Road to National Trails Highway	C	A	8,243	11.10%
National Trails Highway to I-40 Westbound Ramps	D	A	11,973	19.30%
I-40 Eastbound Ramps to N Street	N/A	N/A	30,373	4.50%

Roadway Segment (Sunday Year 2035)	No Build LOS	Build LOS	AADT	% Trucks*
Nevada State Line to Aha Macav Parkway	E	A	15,480	7.50%
Aha Macav Parkway to River Road	E	B	20,015	9.20%
River Road to Park Road	E	B	20,973	12.50%
Park Road to National Trails Highway	D	A	8,801	11.10%
National Trails Highway to I-40 Westbound Ramps	D	A	11,835	19.30%
I-40 Eastbound Ramps to N Street	N/A	N/A	41,181	4.50%

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

**Note: Truck percentages are based on existing counts.*

Roadway Intersection (Year 2015 Weekday PM Peak)	No Build LOS	Build LOS	PM Peak Hour Volume Cross-Street	PM Peak Hour Cross-Street Truck Percentage*
Needles Highway at Aha Macav Parkway	B	B	181	2.00%
Needles Highway at River Road	A	A	10	0.00%
Needles Highway at Park Road	B	A	136	15.30%
Needles Highway at National Trails Highway	A	A	60	6.70%
N Street at Needles Highway	F	C	1257	4.40%

Roadway Intersection (Year 2015 Sunday PM Peak)	No Build LOS	Build LOS	PM Peak Hour Volume Cross-Street	PM Peak Hour Cross-Street Truck Percentage*
Needles Highway at Aha Macav Parkway	B	B	211	21.00%
Needles Highway at River Road	A	A	1	0.00%
Needles Highway at Park Road	B	A	302	7.60%
Needles Highway at National Trails Highway	A	A	36	0.00%
N Street at Needles Highway	C	C	845	4.20%

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

Roadway Intersection (Weekday PM Peak)	No Build LOS	Build LOS	PM Peak Hour Volume Cross-Street
Needles Highway at Aha Macav Parkway	C	B	479
Needles Highway at River Road	B	B	26
Needles Highway at Park Road	D	B	363
Needles Highway at National Trails Highway	B	B	487
N Street at Needles Highway	F	C	3,333

Horizon Year Condition includes other improvements not apart of this project

Roadway Intersection (Sunday PM Peak)	No Build LOS	Build LOS	PM Peak Hour Volume Cross-Street
Needles Highway at Aha Macav Parkway	F	B	559
Needles Highway at River Road	A	A	4
Needles Highway at Park Road	E	B	799
Needles Highway at National Trails Highway	B	B	94
N Street at Needles Highway	F	C	2,243

Horizon Year Condition includes other improvements not apart of this project

Describe potential traffic redistribution effects of congestion relief *(impact on other facilities)*

This project will not cause a redistribution of traffic.

Comments/Explanation/Details *(attach additional sheets as necessary)*